# Contents of Volume 21

## *Numbers 1 / 2, January 1994*

Editorial Note v
Foreword vii

***Specific Situations in Some Countries***

C. Poppe (Canada)
*Salmonella enteritidis* in Canada 1

M. Fantasia and E. Filetici (Italy)
*Salmonella enteritidis* in Italy 7

M.I. Caffer and T. Eiguer (Argentina)
*Salmonella enteritidis* in Argentina 15

R. Głośnicka and D. Kunikowska (Poland)
The epidemiological situation of *Salmonella enteritidis* in Poland 21

***Review***

T.J. Humphrey (UK)
Contamination of egg shell and contents with *Salmonella enteritidis*: a review 31

***Detection***

H. Van der Zee (The Netherlands)
Conventional methods for the detection and isolation of *Salmonella enteritidis* 41

C.J. Thorns, I.M. McLaren and M.G. Sojka (UK)
The use of latex particle agglutination to specifically detect *Salmonella enteritidis* 47

P.A. Barrow (UK)
Serological diagnosis of *Salmonella* serotype *enteritidis* infections in poultry by ELISA and other tests 55

***Typing***

R. Helmuth and A. Schroeter (Germany)
Molecular typing methods for *S. enteritidis* 69

J. Stanley and N. Baquar (UK)
Phylogenetics of *Salmonella enteritidis* 79

***Virulence and Pathogenicity***

S. Suzuki (Japan)
Pathogenicity of *Salmonella enteritidis* in poultry 89

R.K. Gast (USA)
Understanding *Salmonella enteritidis* in laying chickens: the contributions of experimental infections 107

J.A. Roberts and P.N. Sockett (UK)
The socio-economic impact of human *Salmonella enteritidis* infection 117

***Preventive measures***

J.P. Noordhuizen and K. Frankena (The Netherlands)
*Salmonella enteritidis*: clinical epidemiological approaches for prevention and control of *S. enteritidis* in poultry production 131

A.W. Van de Giessen, A.J.H.A. Ament and S.H.W. Notermans (The Netherlands)
Intervention strategies for *Salmonella enteritidis* in poultry flocks: a basic approach 145

J. Mason (USA)
*Salmonella enteritidis* Control Programs in the United States 155

W. Edel (The Netherlands)
*Salmonella enteritidis* eradication programme in poultry breeder flocks in The Netherlands 171

Guide for Authors 179
Publisher's Announcement 182
Announcements 183

## *Number 3, February 1994*

Introductory Note 185

National Advisory Committee on Microbiological Criteria for Foods
The Role of Regulatory Agencies and Industry in HACCP 187

J.P. Sutherland and A.J. Bayliss (England, UK)
Predictive modelling of growth of *Yersinia enterocolitica*: the effects of temperature, pH and sodium chloride 197

J.P. Sutherland, A.J. Bayliss and T.A. Roberts (England, UK)
Predictive modelling of growth of *Staphylococcus aureus:* the effects of temperature, pH and sodium chloride 217

E.T. Ryser, S. Maisnier-Patin, J.J. Gratadoux and J. Richard (France)
Isolation and identification of cheese-smear bacteria inhibitory to *Listeria* spp. 237

H. Nakano, H. Kizaki and G. Sakaguchi (Japan)
Multiplication of *Clostridium botulinum* in dead honey-bees and bee pupae, a likely source of heavy contamination of honey 247

A.A. Adesiyun (Trinidad and Tobago)
Bacteriological quality and associated public health risk of pre-processed bovine milk in Trinidad 253

A. Dos Reis Tassinari, B.D. Gombossy de Melo Franco and M. Landgraf (Brazil)
Incidence of *Yersinia* spp. in food in Sao Paulo, Brazil 263

S.N. Saxena, B.K. Mital and S.K. Garg (India)
Effect of casitone and fructose on the growth of *Lactobacillus acidophilus* and its survival during storage 271

Announcements 277

## *Number 4, March 1994*

### *Regular Papers*

A.D. Sutherland and R. Murdoch (UK)
Seasonal occurrence of psychrotrophic *Bacillus* species in raw milk, and studies on the interactions with mesophilic *Bacillus* sp. 279

D.A. Golden, L.R. Beuchat and H.L. Hitchcock (USA)
Changes in fatty acid composition of various lipid components of *Zygosaccharomyces rouxii* as influenced by solutes, potassium sorbate and incubation temperature 293

F. Schved, Y. Henis and B.J. Juven (Israel)
Response of spheroplasts and chelator-permeabilized cells of Gram-negative bacteria to the action of the bacteriocins pediocin SJ-1 and nisin 305

A. Querol, E. Barrio and D. Ramón (Spain)
Population dynamics of natural *Saccharomyces* strains during wine fermentation 315

A.P. MacGowan, K. Bowker, J. McLauchlin, P.M. Bennett and D.S. Reeves (UK)
The occurrence and seasonal changes in the isolation of *Listeria* spp. in shop bought food stuffs, human faeces, sewage and soil from urban sources 325

### *Research Note*

S.-Y. Choi, L.R. Beuchat, L.M. Perkins and T. Nakayama (South Korea, USA)
Fermentation and sensory characteristics of kimchi containing potassium chloride as a partial replacement for sodium chloride 335

### *Short Communication*

E.A. Davies and M.R. Adams (UK)
Resistance of *Listeria monocytogenes* to the bacteriocin nisin 341

Announcements 349
Author Index 351
Subject Index 353
Contents to Volume 21 355

*(Contents continued from back cover)*

Announcements 349

Author Index 351

Subject Index 353

Contents to Volume 21 355